FIG. 7

Initiate an operation to migrate data. `100`

Provide a source map indicating blocks of data striped across a plurality of storage units and a destination map indicating blocks of data striped across a second plurality of storage units, wherein data is migrated from stripes indicated in the source map to corresponding stripes indicated in the destination map; `102`

Determine units of operation, wherein one unit of operation comprises one stripe in the source map to migrate to one stripe in the second map, wherein the data is migrated by processing the units of operation. `104`

Determine whether an overlap of location on the storage units of one source stripe and corresponding destination stripe to which the source stripe data is written is impermissible `106`

Is overlap permissible? `108`

Indicate a number of a current unit of operation being processed `110`

Yes →

No →

Abort the migration in response to determining that the overlap is impermissible. `112`

Indicate data is being copied through the copy area in response to determining that the locations on the storage units of the source stripe and destination stripe involved in the current unit of operation overlap `114`

Lock data in one source stripe in one unit of operation currently being migrated. `116`

Determine a depth of a source volume including the source stripes and a depth of a destination volume including the destination the destination stripes. `118`

Write the source stripes in descending order from one source stripe at a first physical location of the source volume to the destination stripes in response to determining that the destination volume depth exceeds the source volume depth `120`

Block 122 in FIG. 8.